Installation

Single Stage Installation

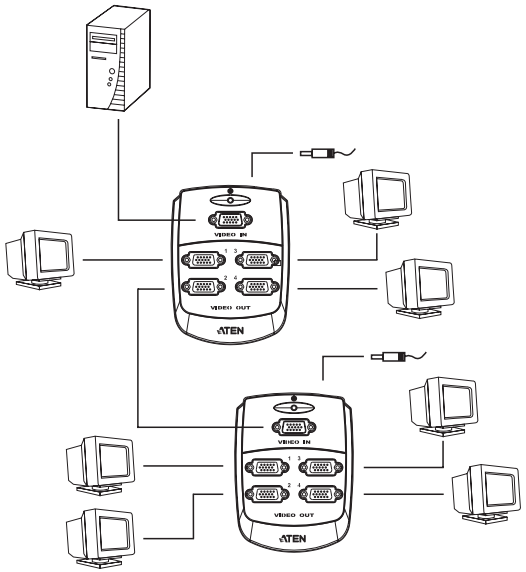
In a Single Stage installation no additional Video Splitters are daisy chained down from the first unit. To set up a single stage installation, do the following:

1. Use a high density HDB-15 male/female VGA cable (Part No. 2L-2401) to connect the computer's video port to the **Video In** port of the Video Splitter.
2. Use high density HDB-15 male/female VGA cables (Part No. 2L-2401) to connect the **Video Out** ports of the Video Splitter to the monitors.
3. Plug the power adapter into an AC source; plug the power adapter cable into the video splitter.
4. Power up the Video Splitter; power up the monitors; power up the computer.

Daisy Chaining

To provide video display for more monitors, additional Video Splitters can be daisy chained. Use a high density HDB-15 male/female VGA cable (Part No. 2L-2401), to connect any available **Video Out** port on the higher level Video Splitter to the **Video In** port of the lower level Video Splitter.

You can chain as many Video Splitters as there are ports available, and all three models can be mixed on the same chain. Theoretically, there is no limit to the number of splitters that can be chained, but the quality will deteriorate as you chain further and further away from the video signal.



Specifications

Function	VS-82	VS-84	VS-88
DC 9V Power Consumption (Max.)	150 mA	250 mA	250 mA
Video Output Connectors (HDB-15 female)	2	4	8
Bandwidth (-3db)	150 MHz	150 MHz	150 MHz
Cable Distance (Device to Monitor)	65 meters (213') max.		
Signal Type	VGA, SVGA, XGA		
Video Input Connectors	1 x HDB-15 male		
Operating Temperature	5~40° C		
Storage Temperature	-20~60° C		
Humidity	0~80% RH, Non-condensing		
Enclosure	Plastic		
Weight	135 g	150 g	215 g
Dimensions (LxWxH in cm)	11.45x8.75x3.33	11.87x8.84x3.33	15.59x9.79x3.33

Limited Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK, OR ITS DOCUMENTATION.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or update. For further inquiries, please contact your direct vendor.

VIDEO SPLITTER

User Manual

VS-82 / VS-84 / VS-88

Read this manual thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit, and/or any of the devices connected to it.

This package contains:

- 1 VS-82, VS-84 or VS-88 Video Splitter
- 1 DC 9V Power Adapter
- 1.8 m VGA Cable
- 1 User Manual

If anything is damaged or missing, contact your dealer.

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NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Subpart J of Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that which the receiver is connected.
- Consult the dealer or an experienced radio/television technician for help.

Overview

These video splitters are boosting devices that duplicate the video signal from any analog monitor source to two (VS-82); four (VS-84); or eight (VS-88) outputs. They provide fast and flexible solutions for situations such as:

1. Broadcasting video information (news headlines, stock prices, airline and train schedules, etc), to the public
2. Monitoring harsh work environments from safe locations
3. Classroom or company training facilities

The VS-82, VS-84, and VS-88 go beyond being merely duplicators in that they also enhance video signals over long distance broadcasting of up to 65 m (213').

In addition, units can be daisy chained to handle as many monitors as the installation requires, making them excellent solutions for public broadcast systems.

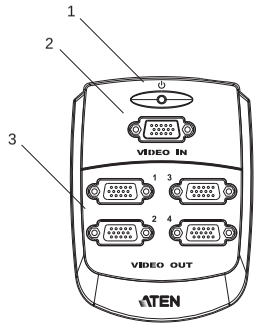
To achieve multiple high quality VGA, SVGA, or Multisyns video signals over long distances, these video splitters are your best choice.

Features

- Enhances video signal for distances up to 65 m (213')
- Supports DDC, DDC2, DDC2B (port 1 only)
- Cascadable to 3 levels
- Small form factor
- Ideal for public broadcasting, remote monitoring, and classroom and training facilities

Note: 1. If you connect a DDC type monitor to Video Out Port 1, all other monitors must be able to support the highest resolution that the DDC monitor can provide.
2. These products are designed for VGA, SVGA, and Multisync monitors. They are not suitable for CGA, EGA, or MONO type monitors that use digital video signals.
3. For the best video quality, we recommend using UL2919 rated VGA cables.

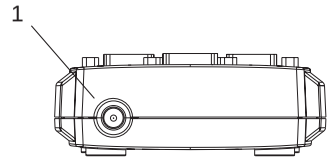
Top View



1. Power Switch
2. Video In Port
   - If this is a First Stage unit, the cable from the computer's video port plugs in here.
   - If this is a Daisy Chained unit, the cable from the Video Out port of the higher stage unit plugs in here.
3. Video Out Ports
   The cables to the monitors can plug into any available port.

Note: 1. If you connect a DDC type monitor to Video Out Port 1, all other monitors must be able to support the highest resolution that the DDC monitor can provide.
2. The diagrams in this manual are for a VS-84. The VS-82 and VS-88 have two and eight Video Out Ports respectively, instead of the four Video Out Ports shown.

Rear View



1. Power Jack
   The cable from the Power Adapter plugs in here.